

Attorney Docket No.: 018765-9001**AMENDMENTS TO THE ABSTRACT:**Please AMEND the abstract as indicated below:

A communications network, in particular for telephony, comprises at least one operator (2), a plurality of remote units (3,4) for exchanging signals with mobile terminals (5) and an interface unit (6) for controlling the data traffic between the operator (2) and the remote units (3,4). The interface unit (6) is connected to the remote units (3,4) by a first transmission support (9), in which the main signal (44) propagates. The main signal (44) is divided into a plurality of secondary signals (45), each identified by a preset parameter value. Each remote unit (3,4) is designed to process at least one secondary signal (45a) selected from amongst the secondary signals (45) into which the main signal (44) is divided. The secondary signal (45a) is identified by the remote unit (3,4) according to the above-mentioned preset parameter value.